

Oregon Sea Grant

2012 NSGO Review

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OR SG Program Leadership

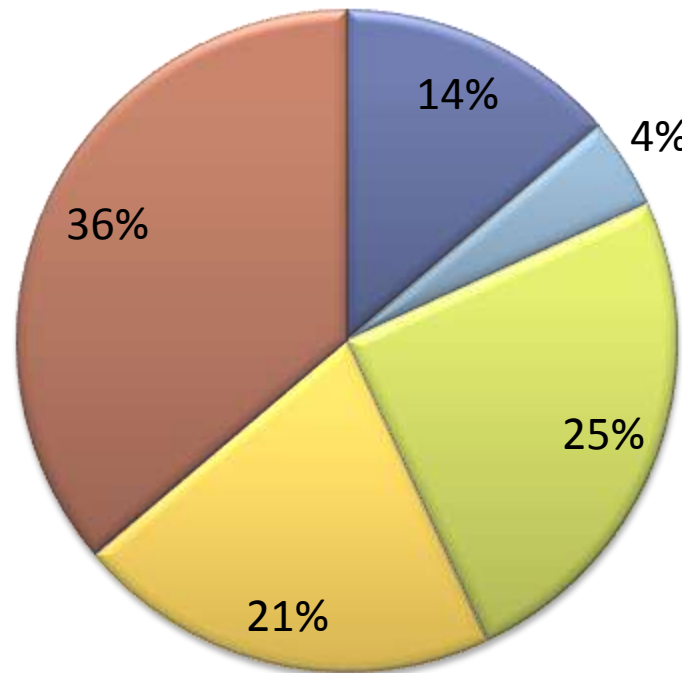
- Leadership Team (Name, position, FTE)
 - Stephen Brandt, Director, 1.0
 - Joseph Cone, Assistant Director and Communications Leader, 1.0
 - David Hansen, Extension Program Leader, 1.0
 - Shawn Rowe, Education Director (Acting), 1.0
 - Peggy Harris, Administrative Officer, 1.0
 - Melissa Metz, Fiscal Officer, 1.0
 - Evelyn Paret (retired), Outgoing Fiscal Officer, 0.5 (until March, 2012)
- Large Program

OR SG Management

- Total FTEs on staff (information in Annual report metrics)

Functional Area	# of individuals	# of FTEs supported by SG	# of FTEs supported by match/leverage
Mgt/Admin	8	2.35	4.74
Comm.	6	1.88	3.15
Ext.	20	5.51	12.9
Education	7	1.17	4.23
Research	22	0.49	20.67

OR SG 2010 Core Budget (Fed + Match) towards each Functional Area



■ Communications

■ Extension

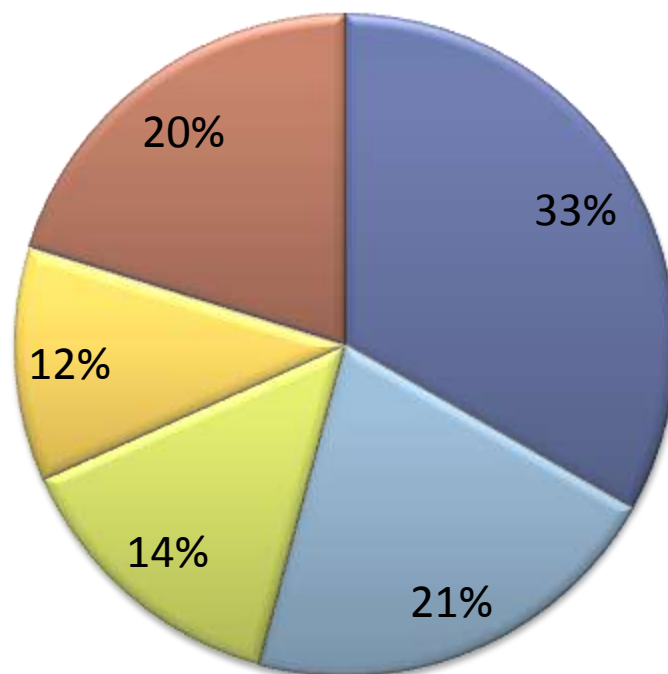
■ Research

■ Education

■ Management/Program Development

OR SG 2010 Budget towards each Focus Area

(Fed + Match + Pass-Through + Managed Leveraged Funds)



■ Healthy Coastal Ecosystems

■ Safe and Sustainable Seafood Supply

■ Hazard Resilient Coastal Communities ■ Sustainable Coastal Development

■ Other

Significant OR SG Changes

(since Jan. 2011)

- New Fiscal Officer began in January
- Education Leader steps down to pursue PhD. Shawn Rowe is Acting Education Director
- New Strategic Goal for all OSG Education is Free-Choice Learning. Development of Implementation Plan is underway.
- OSG receives \$2.6M to enhance Free-Choice Learning capabilities at the Visitor's Center.
- Increased costs of salaries for 2012 (1% equity and 4% faculty salary increases, plus higher fringe costs).
- Long vacant 1.0 FTE research program specialist position re-created and Dr. Sarah Kolesar hired.
- 2 Advisory Council positions vacated. Recruitment in process.
- Coastal and Marine Spatial Planning Workshop brought together experts and regional researchers to discuss Oregon's ocean use
- OSG adopts annual Heceta Head Coastal Conference to discuss topics relevant to Oregon's ocean
- Gov. Kitzhaber declare Sept. 17 as Oregon Sea Grant Day
- Aquaculture Extension Program begins
- (Upcoming) \$2.6 million leads to re-evaluating and restructuring of SG FREE CHOICE LEARNING based Education programs
- (Upcoming) Physical office re-location move for Oregon Sea Grant expected

OR SG Program RFP Process

- 47 preproposals submitted for initial review
- 25 full proposals through our standard biennial call
- Proposals for scientific excellence and societal relevance through a rigorous process of:
 - 3 to 5 external peer reviews,
 - A science panel review based primarily on scientific and technical merit
 - Panel reaches a consensus on written review and project score
 - An Advisory Council Panel review based primarily on societal need.
- The Oregon Sea Grant Leadership Team met to identify the competitive proposals we intend to fund based on these evaluations.
- Nine proposals were identified for funding.
- In addition, 3 proposals were recommended for partial and directed funding (up to \$20k) from Program Development Funds
- Regional Social Science RFP Process began and completed

2011 RFP Process – Research Metrics

Core Proposals	# of Proposals	# of institutions	# from home institution
Pre-proposals submitted	47	25	38
Full proposals submitted	25	17	21
Proposals Funded	9	2	9

OR SG Contribution to National Performance Measures and Metrics

Focus Area	Metric	Actual
HCE	Acres Restored	125,744
Cross-cutting	K12 Students Reached/Undergraduate-graduate students	19,816/146
Cross-cutting	Volunteer Hours [nearly 5x from previous year]	53,268
Cross-Cutting	Economic Benefit /Jobs Created (54) and Retained (179)	\$75,025,990/233
SSSS	New Distribution Points for Oregon Fish	29
HRCC	Counties that Implement Plans to Adapt to Hazards	7 of 7
SCD	Use Science for improved Ocean management	44

OR SG Impacts

- OSG educated coastal communities on their vulnerability to earthquakes and tsunamis, helped them consider the local impacts of this hazard, and caused them to take specific actions to increase community resilience and human survival in the event of a tsunami.
 - **Hazard Resilient Coastal Communities;** *Widespread understanding of the risks associated with living, working, and doing business along the nation's coasts.*



OR SG Impacts

- Oregon Sea Grant and ODFWs recompression guide and workshops inspire the creation of an award-winning recompression tool that promotes safe catch-and-release practices among fishermen in Oregon and beyond and significantly decreases fish mortality.
 - **SAFE AND SUSTAINABLE SEAFOOD SUPPLY;** *Informed consumers who understand the importance of ecosystem health and sustainable harvesting practices to the future of our domestic fisheries, who appreciate the health benefits of seafood*



OR SG Impacts

- Oregon Sea Grant's Aquatic Animal Health Program partnered with Oregon Coast Community College to develop a professional technical program in aquarium science. Since the program's first cohort in 2003, 55 students have graduated from the program. Over 50 percent of entering students already possess an undergraduate degree in the biological sciences. Ninety-eight percent of the program's graduates have jobs in this profession within six months of graduation whose employment contributes \$1.62 million annually. The program has raised \$6.5 million from federal, state, local, and private funds, including a local bond issue. In August 2011 the program will open a standalone, state-of-the-art aquarium science teaching facility on the OCCC campus.
- OSG-funded research on causes of death and damage among shipped marine ornamental fish resulted in suppliers and retailers adopting new best management practices that save \$4.86 million annually and reduce environmental impacts.
- A series of online videos are available to educate and inform fish handlers
 - **Cross Cutting; Other**

<http://www.youtube.com/user/OregonSeaGrant#p/u/12/aYq6hpYBQKE>

OR SG Impacts

- OSG was proactive in helping the state look at new sources of renewable energy. By investing in wave energy research, OSU was able to grow its research program and leverage federal recognition and additional funding to help move the industry forward.
 - **SUSTAINABLE COASTAL DEVELOPMENT;** *Coastal communities that make efficient use of land, energy and water resources and protect the resources needed to sustain coastal ecosystems and quality of life*



OR SG Impacts

- OSG safety training saves lives in the Dungeness crab commercial fishing industry, the most deadly in the US. A fire aboard the FV Michelle Ann was successfully managed because captain and crew were properly trained to prevent serious injury and save the vessel. Reducing at-sea risks translates into millions of dollars retained by coastal communities.
 - **Cross Cutting; Other**



2010 OR SG Research Accomplishments

- Continued OSG research support on Klamath River Chinook salmon disease played a vital role in an expert panel recommendation concerning hydroelectric dam removal, which informs pending legislation for \$1.4 billion remediation.



2010 OR SG Research Accomplishments

- The OSU Institute of Natural Resources led a scientific review of the Columbia River bi-state Regional Sediment Management Plan and proposed a method of ongoing scientific review, monitoring, and adaptive management for proposed projects.
- OSG extension agents integrated university research and stakeholder engagement into actions that increased community resilience to coastal hazards and helped preserve Columbia River commerce, income, and jobs.
- This increased the involvement by natural resource agencies concerned about biological impacts of projects and led to the final stages of the plan, which developed a network of nearshore sites allowing for the beneficial use of maintenance dredging materials and sand retention.

Sources

- PIER: 2/1/2010 to 1/31/2011 Reports
- OR SG Letter of Intent
- Conversation with program